

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041125\
 Data File : VL042323.D
 Acq On : 11 Apr 2025 16:39
 Operator : SY/MD
 Sample : Q1665-10DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B10-4-3242025DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/16/2025
 Supervised By :Mahesh Dadoda 04/17/2025

Quant Time: Apr 11 23:02:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.787	49	173105	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	400666	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	338211	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	253785	9.137	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.400%
Target Compounds						
9) Propene	1.489	41	65076m	5.438	ppbv	Qvalue
13) Ethanol	1.742	45	31113	27.501	ppbv	85
15) Acetone	1.842	43	84634	3.496	ppbv	95
19) Isopropyl Alcohol	1.900	45	207505	15.191	ppbv #	34
34) 2-Butanone	2.564	43	510012	17.554	ppbv	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

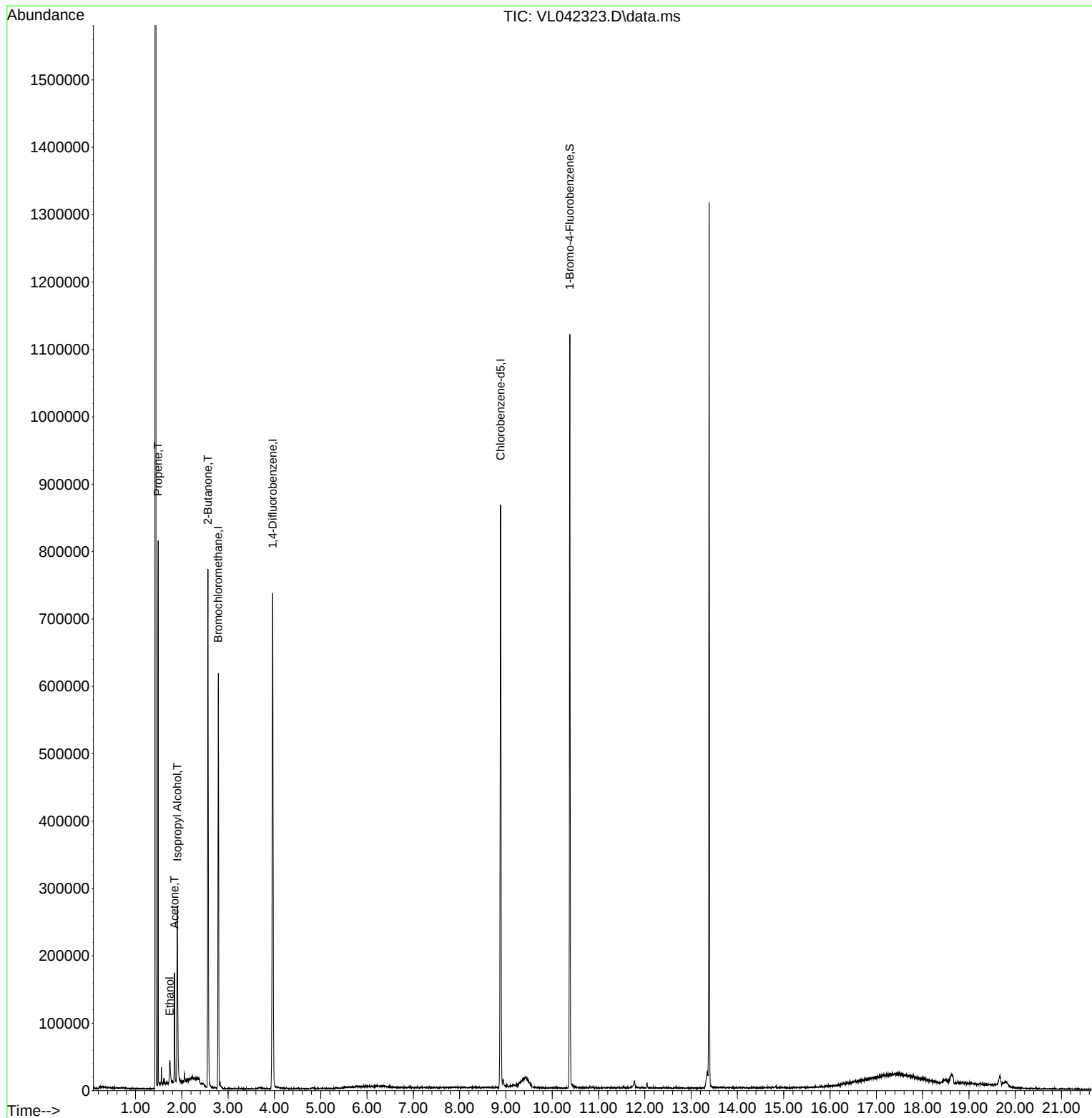
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041125\
Data File : VL042323.D
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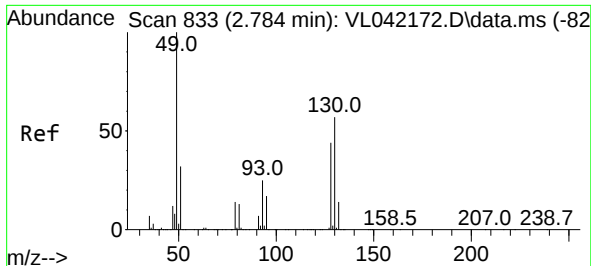
Instrument :
MSVOA_L
ClientSampleId :
IA-B10-4-3242025DL

Quant Time: Apr 11 23:02:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration

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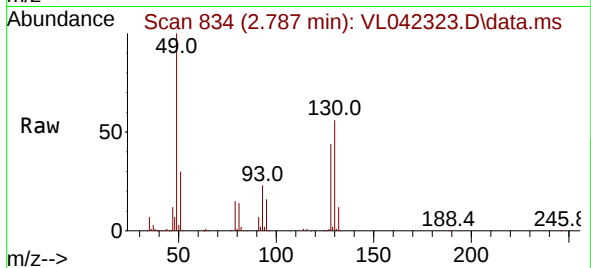
Reviewed By : Semsettin Yesilyurt 04/16/2025
Supervised By : Mahesh Dadoda 04/17/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042323.D
Acq: 11 Apr 2025 16:39

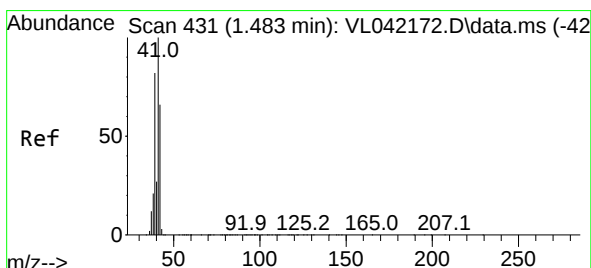
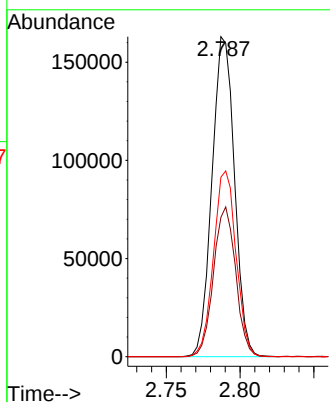
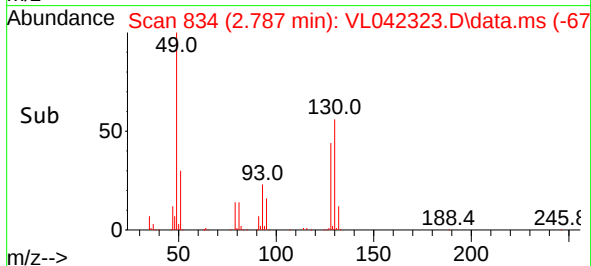
Instrument :
MSVOA_L
ClientSampleId :
IA-B10-4-3242025DL



Tgt Ion: 49 Resp: 17310
Ion Ratio Lower Upper
49 100
128 46.0 22.9 68.5
130 58.2 28.8 86.4

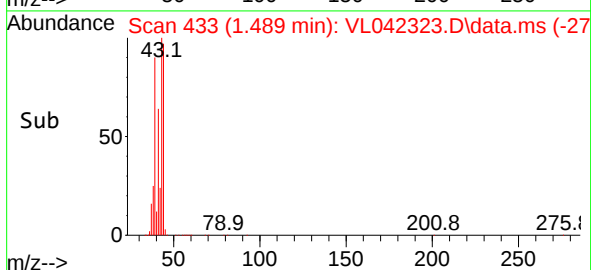
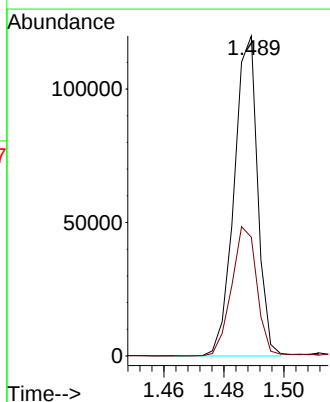
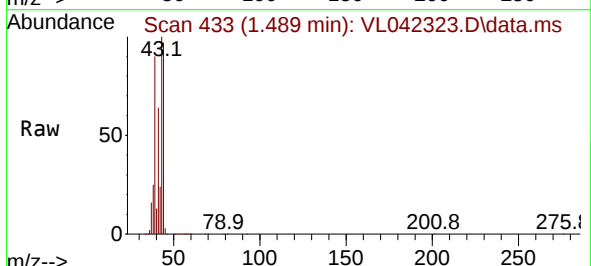
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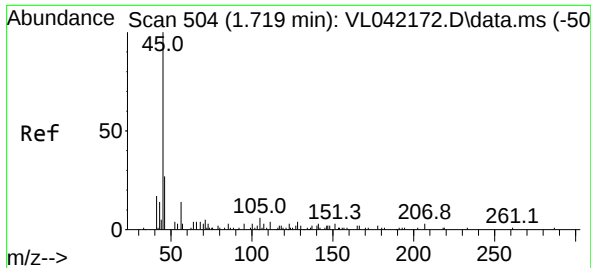
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025



#9
Propene
Concen: 5.438 ppbv m
RT: 1.489 min Scan# 433
Delta R.T. 0.006 min
Lab File: VL042323.D
Acq: 11 Apr 2025 16:39

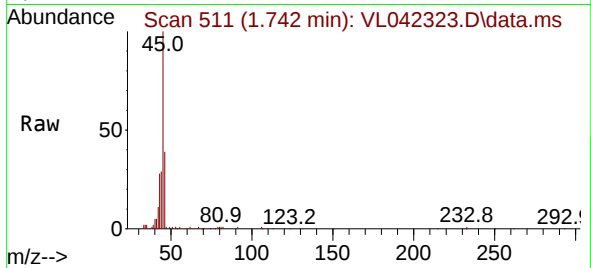
Tgt Ion: 41 Resp: 65076
Ion Ratio Lower Upper
41 100
42 21.2 55.4 83.2#





#13
Ethanol
Concen: 27.501 ppbv
RT: 1.742 min Scan# 511
Delta R.T. 0.022 min
Lab File: VL042323.D
Acq: 11 Apr 2025 16:39

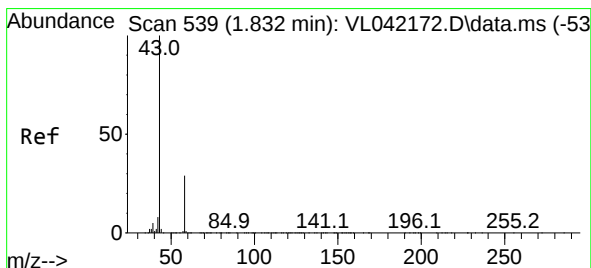
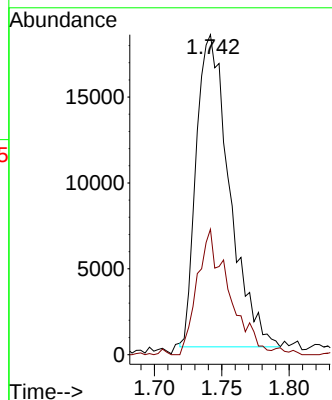
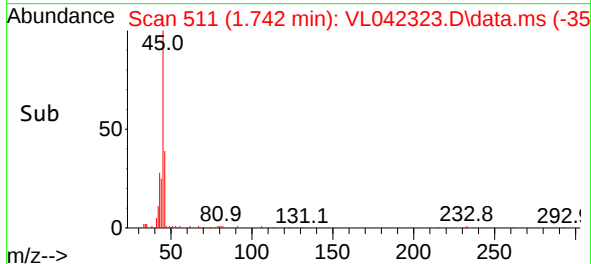
Instrument :
MSVOA_L
ClientSampleId :
IA-B10-4-3242025DL



Tgt Ion: 45 Resp: 3111
Ion Ratio Lower Upper
45 100
46 40.0 20.2 80.8

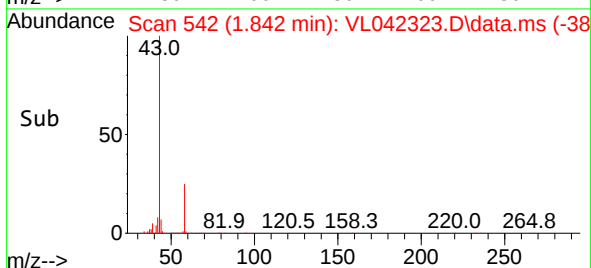
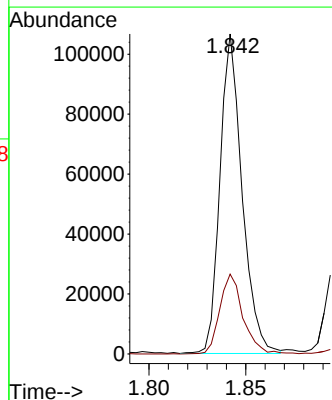
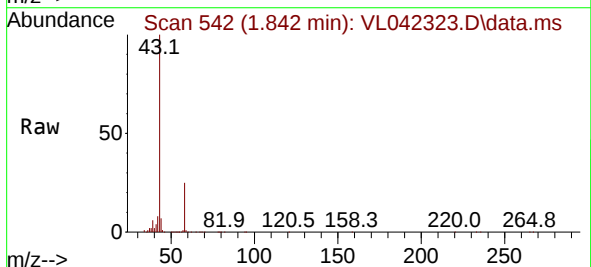
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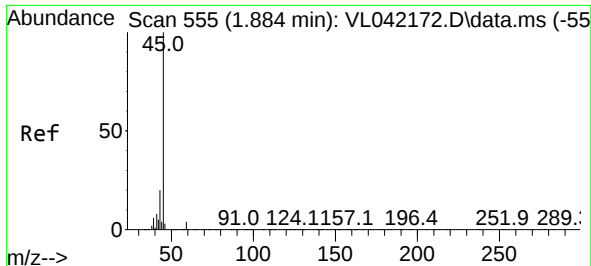
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025



#15
Acetone
Concen: 3.496 ppbv
RT: 1.842 min Scan# 542
Delta R.T. 0.010 min
Lab File: VL042323.D
Acq: 11 Apr 2025 16:39

Tgt Ion: 43 Resp: 84634
Ion Ratio Lower Upper
43 100
58 26.3 23.2 34.8





#19

Isopropyl Alcohol

Concen: 15.191 ppbv

RT: 1.900 min Scan# 50

Delta R.T. 0.016 min

Lab File: VL042323.D

Acq: 11 Apr 2025 16:39

Instrument :

MSVOA_L

ClientSampleId :

IA-B10-4-3242025DL

Tgt Ion: 45 Resp: 20750

Ion Ratio Lower Upper

45 100

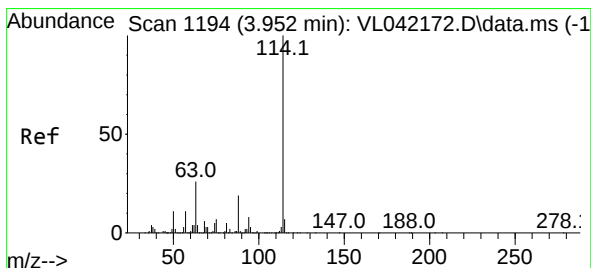
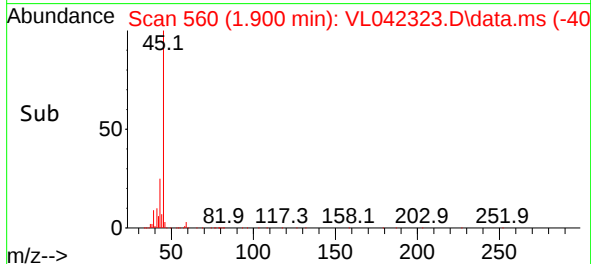
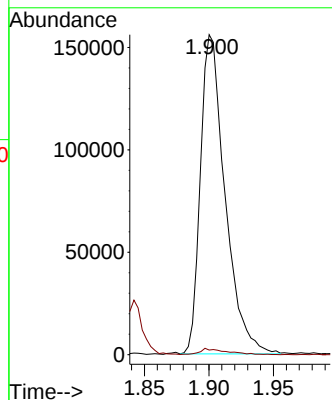
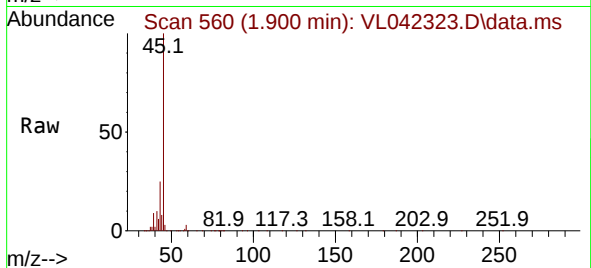
58 2.1 36.9 55.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/16/2025

Supervised By :Mahesh Dadoda 04/17/2025



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.010 min

Lab File: VL042323.D

Acq: 11 Apr 2025 16:39

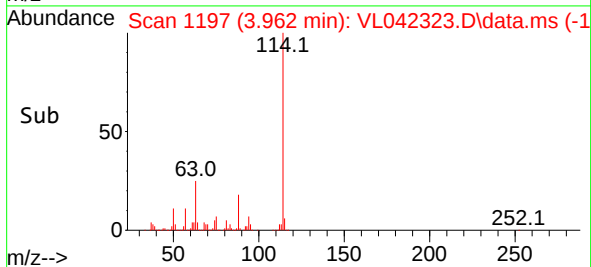
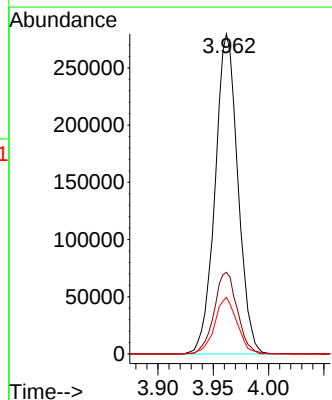
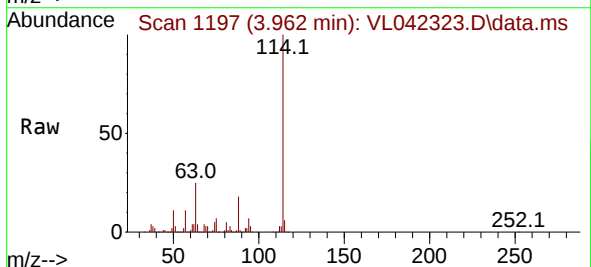
Tgt Ion:114 Resp: 400666

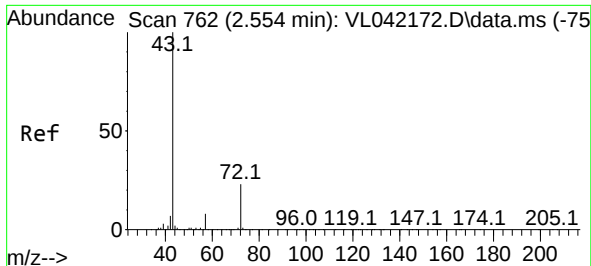
Ion Ratio Lower Upper

114 100

63 25.9 20.7 31.1

88 17.4 15.0 22.4





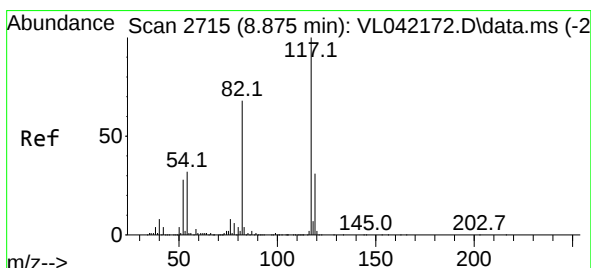
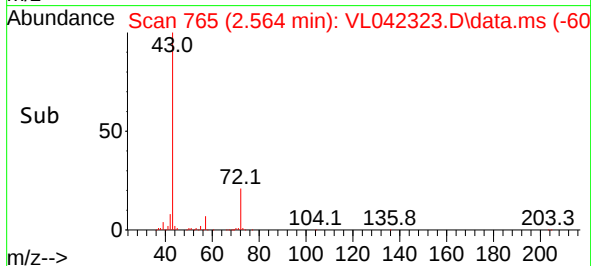
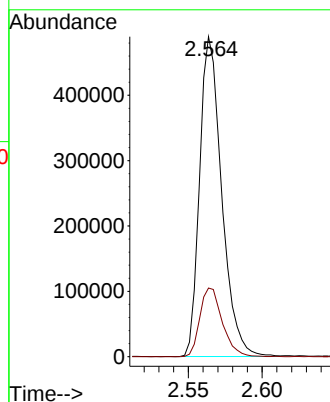
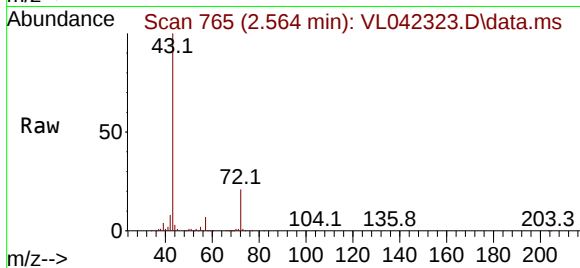
#34
2-Butanone
Concen: 17.554 ppbv
RT: 2.564 min Scan# 765
Delta R.T. 0.010 min
Lab File: VL042323.D
Acq: 11 Apr 2025 16:39

Instrument :
MSVOA_L
ClientSampleId :
IA-B10-4-3242025DL

Tgt Ion: 43 Resp: 51001
Ion Ratio Lower Upper
43 100
72 21.9 18.2 27.2

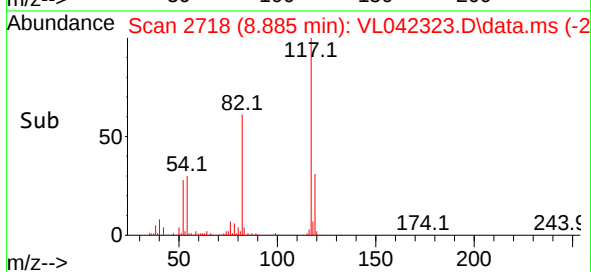
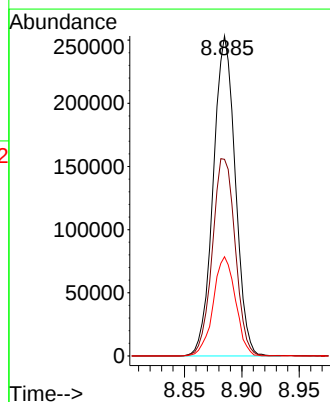
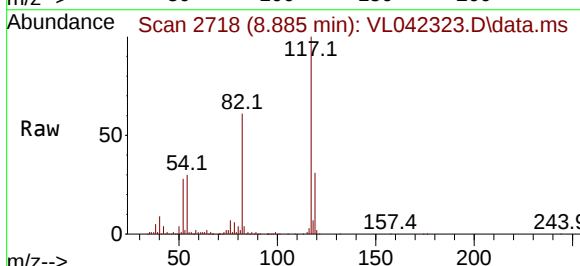
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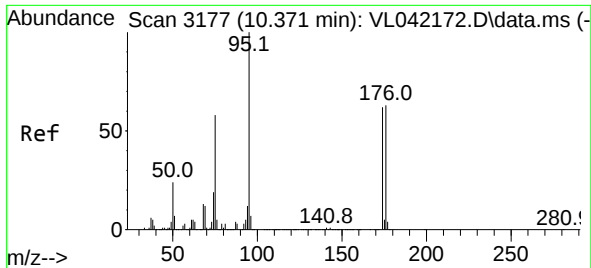
Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2718
Delta R.T. 0.010 min
Lab File: VL042323.D
Acq: 11 Apr 2025 16:39

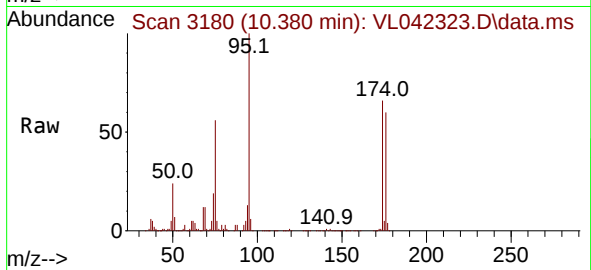
Tgt Ion:117 Resp: 338211
Ion Ratio Lower Upper
117 100
82 64.2 55.8 83.6
119 31.4 25.5 38.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.137 ppbv
 RT: 10.380 min Scan# 31
 Delta R.T. 0.010 min
 Lab File: VL042323.D
 Acq: 11 Apr 2025 16:39

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B10-4-3242025DL



Tgt Ion: 95 Resp: 253785
 Ion Ratio Lower Upper
 95 100
 174 64.4 50.6 76.0
 175 4.7 3.8 5.6

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